

Online Consumer Monitors status

June 21st, 2001
Commissioning Meeting

Current Status:

- 10 consumers ran routinely by CO:
(TrigMon, XMon, YMon, LumMon, ObjectMon, BeamMon, SiliMon, Stage0, L3RegionalMon & EventDisplay)
 - SPYSVTMon being tested frequently
 - Current cdfsoftb0 release was built last Saturday, made 'current' on Monday morning.
(based on 3.17.0, root 2.26.0g)
 - *most of the monitors were updated.
 - *eg.1: EventDisplay has trigger display, SVX geometry (& hits) fixed up...etc.
 - *eg.2: From the BeamMon web page, one can see the history of the beam positions.
- The same cdfsoftb0 version is now, also available on [fcdfsgi2](#).

Some good news:

- Some real problems have been found by CO looking at YMon plots, etc.....

Problems:

- Frequent crashes:
 - *TrigMon (work in progress: problem was traced to L3filter monitor...)..
 - * Memory leak in InputMondule is still there.
 - *Using mismatched root version also may contribute to the crashes.

Work in progress to reduce these crashes.

- XMon (trig. rate numbers): due to CLLD bank format change. We are sorting out to fix the problem with Ming (& Matt).
- saving .root files (ObjectMon): was 'off' in tcl. will be 'on', soon.

Work in Progress:

- Put consumer central error receiver in online.
- archiving the old files (.root and .log).

Next cdfsoftb0: use 3.17.0int4, root v2.26.1.
dead–line for the consumer code writers: this Friday.

Request to the detector/trigger experts:

- To make CO's to be able to find the problems as easy/quick as possible, please communicate with Consumer–code writers/CO, specific things they should look for (when something goes wrong). There is a white folder in the control room to keep the hard copy of these information for CO.